



FYNT 100 L Bearing 2D drawings and 3D CAD models

## SKF FYNT 100 L Bearing unit

Bearing No. FYNT 100 L

Size	100x98x30 mm
Bore Diameter	100 mm
Outer Diameter	98 mm
Width	30 mm
$d_a$	100 mm
$A_1$	98 mm
$A_2$	30 mm
T - max.	98.9 mm
B	86 mm
H	270 mm
$H_1$	135 mm
J	219 mm
L	270 mm
$D_a$	220 mm
H	23 mm
a	6 mm
S	2.5 mm
$J_5$	122 mm
$J_6$	78 mm
$N_4$ - max.	8 mm
Basic dynamic load rating - C	425 kN
Basic static load rating - $C_0$	490 kN
Fatigue load limit - $P_u$	49 kN
Limiting speed	2000 r/min

Calculation factor - e	0.24
Calculation factor - $Y_1$	2.8
Calculation factor - $Y_2$	4.2
Diameter - $d_m$	140 mm
Basic Designation bearing	22220 E
$P_a$	35 kN
$P_1$	190 kN
$P_2$	200 kN
$P_3$	640 kN
Mass bearing unit	23 kg
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	M06288
$d_a$	100 mm
$A_1$	98 mm
$A_2$	30 mm
T max.	98.9 mm
$H_1$	135 mm
$D_a$	220 mm
N	23 mm
$J_5$	122 mm
$J_6$	78 mm
$N_4$ max.	8 mm
Basic dynamic load rating C	425 kN
Basic static load rating $C_0$	490 kN
Fatigue load limit $P_u$	49 kN
Calculation factor e	0.24
Calculation factor $Y_1$	2.8

Calculation factor $Y_2$	4.2
Bearing mean diameter $d_m$	140 mm
$P_1$	190 kN
$P_2$	200 kN
$P_3$	640 kN
$P_a$	35 kN
Attachment bolt diameter $G$	20 mm
Tightening torque for attachment bolts	385 N · m
Grub screws	7 x M 6
Tightening torque for grub screws	8 N · m
Grease quantity for relubrication	17 g